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REPLACEMENT SHEET

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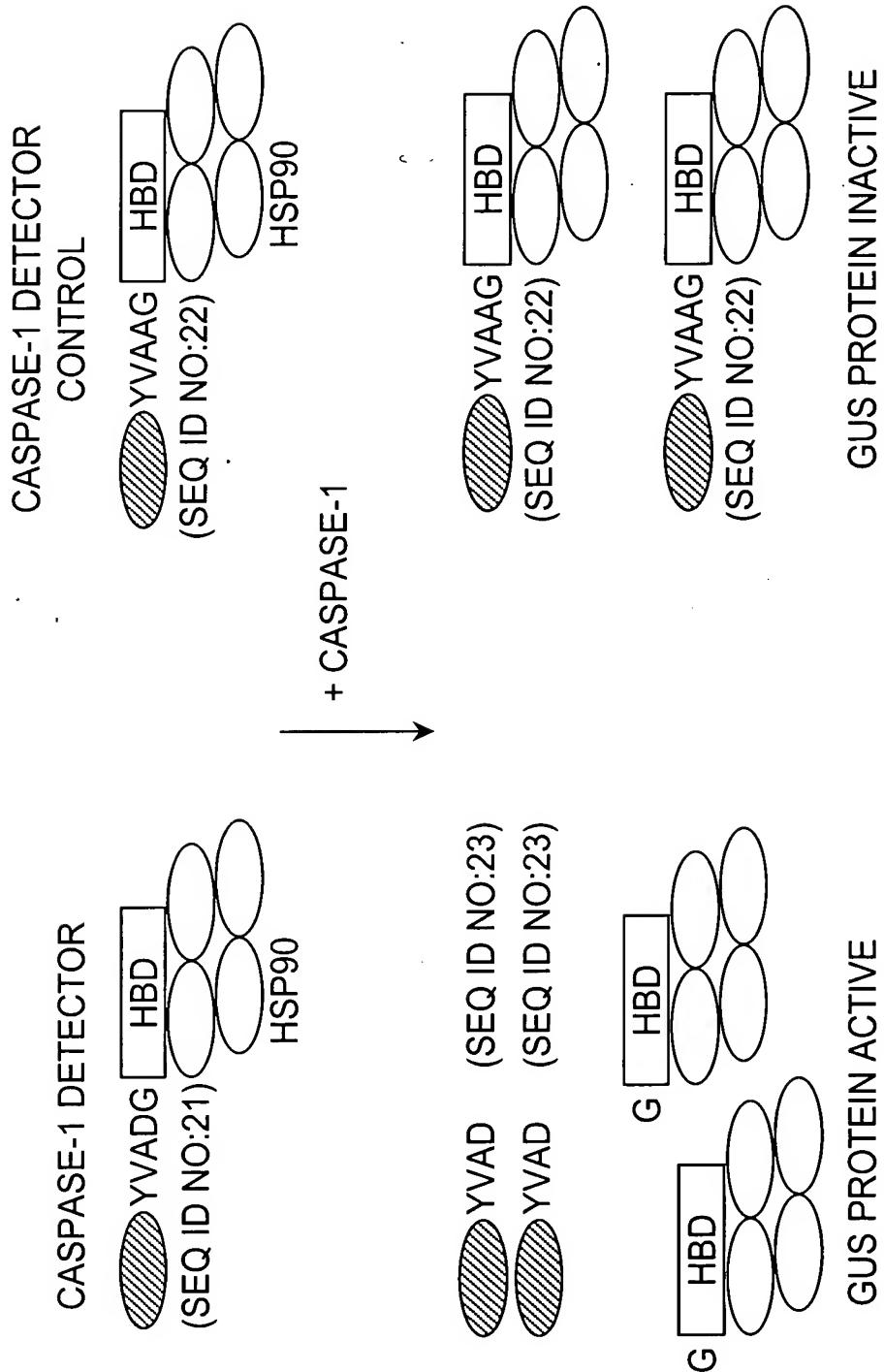
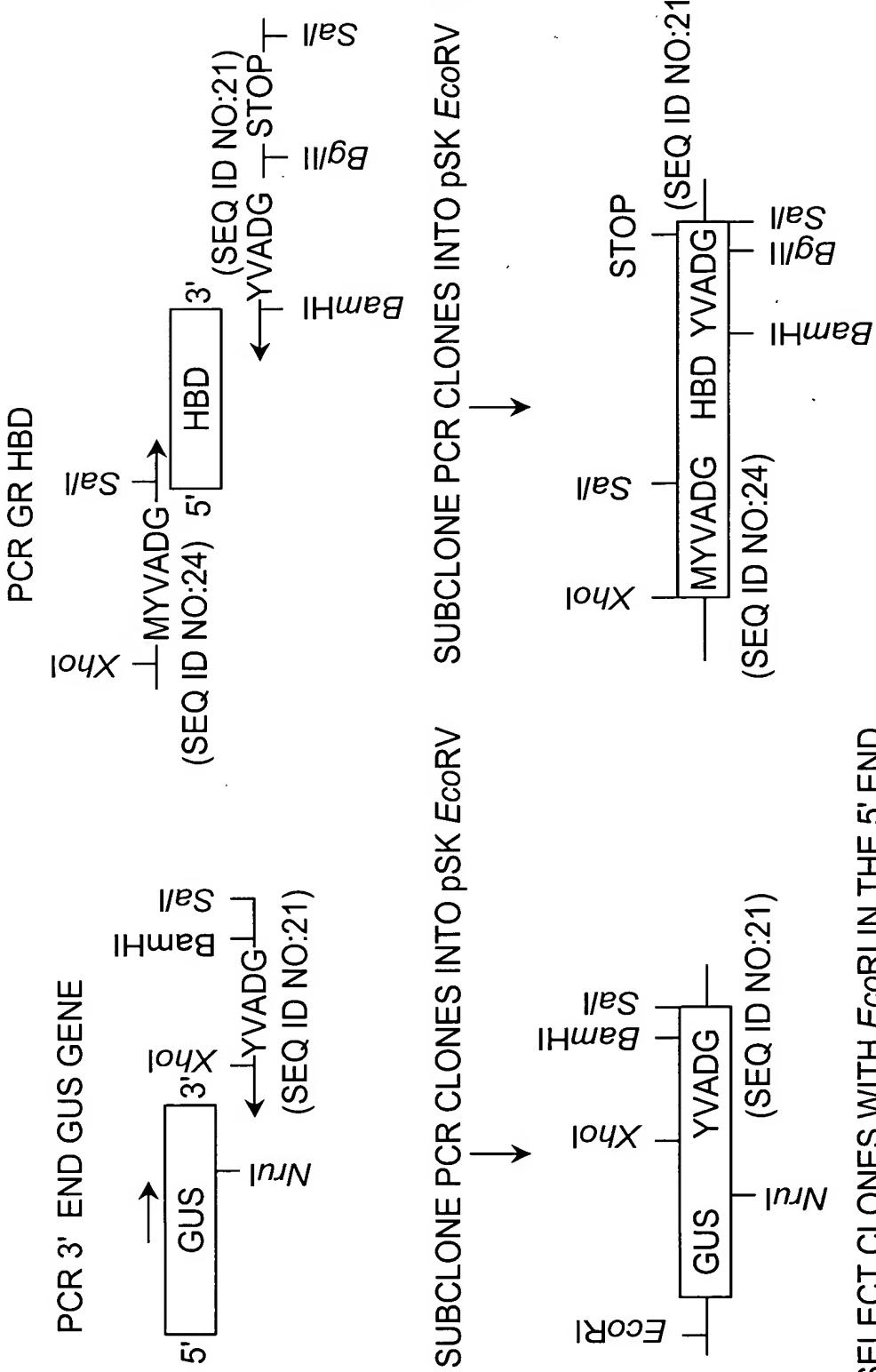


FIG. 1



REPLACEMENT SHEET

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SELECT CLONES WITH *EcoRI* IN THE 5' END

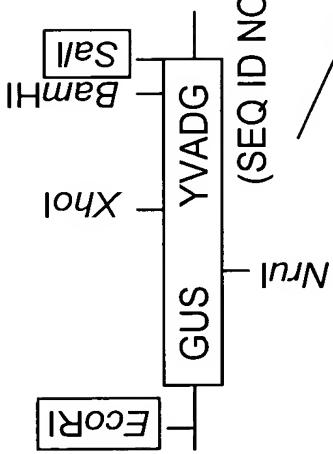
FIG. 2A



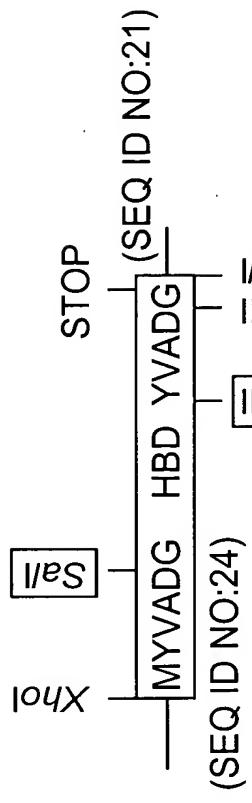
REPLACEMENT SHEET

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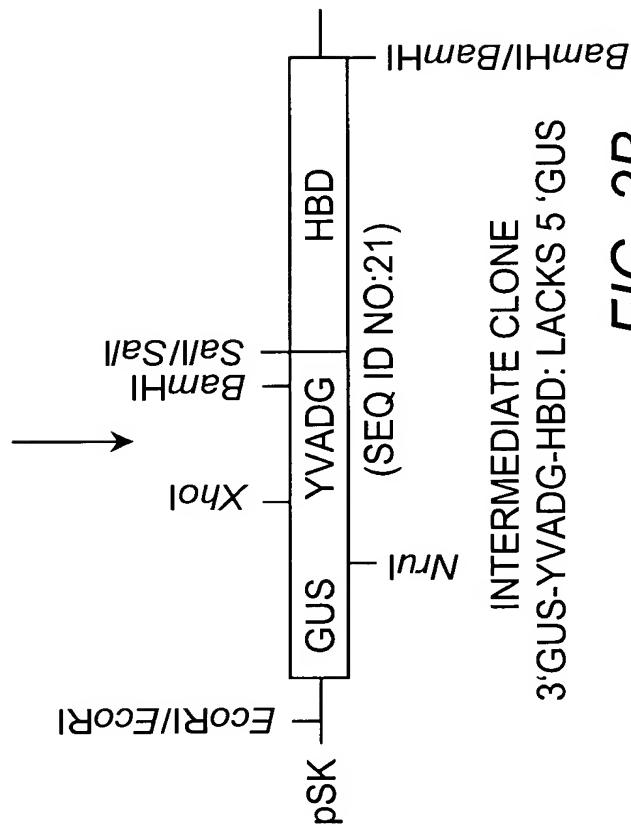
CUT WITH EcoRI AND SalI



CUT WITH BamHI AND SalI



LIGATE INTO pSK DIGESTED WITH EcoRI/SalI



INTERMEDIATE CLONE
3'GUS-YVADG-HBD: LACKS 5'GUS

FIG. 2B

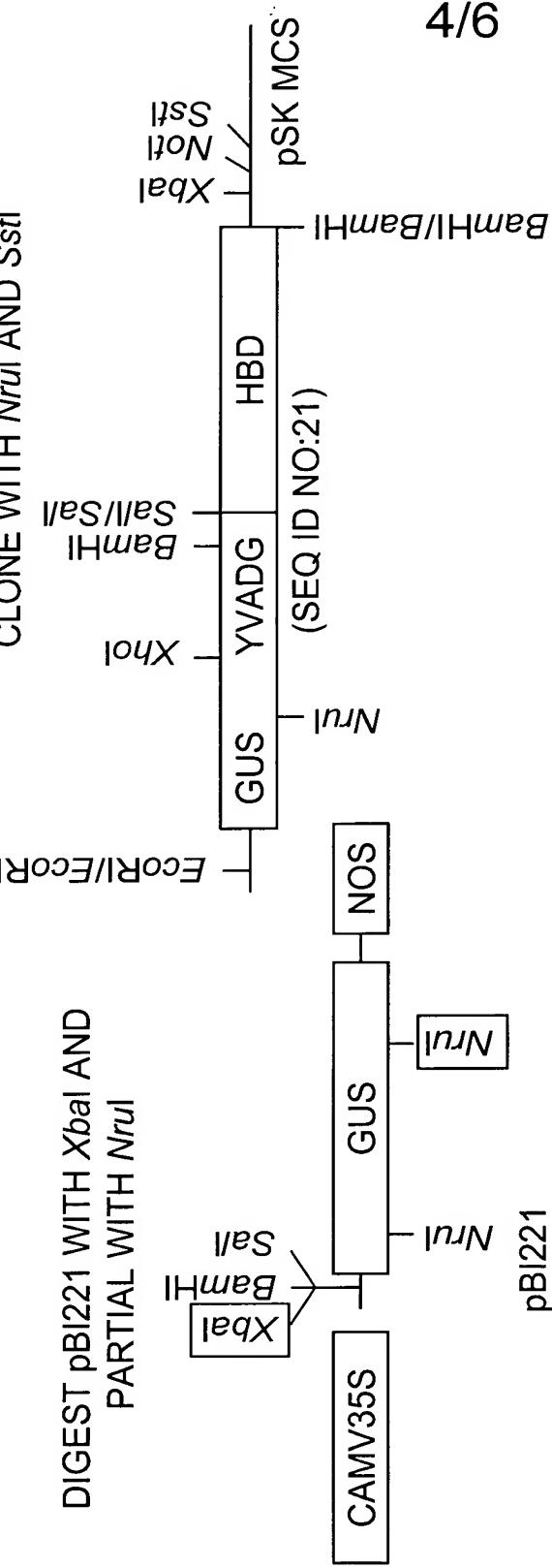


REPLACEMENT SHEET

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DIGEST INTERMEDIATE CASPASE DETECTOR CLONE WITH *Nru*I AND *Sst*I

DIGEST pBI221 WITH *Xba*I AND
PARTIAL WITH *Nru*I



pBI221

SUBCLONE INTO pSK *Xba*I/*Sst*I

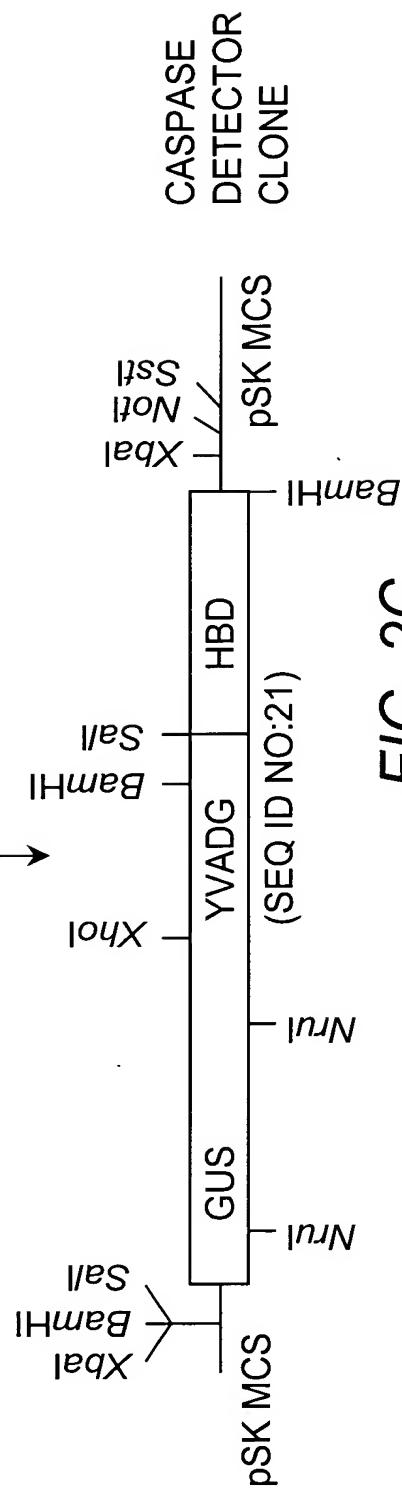


FIG. 2C



REPLACEMENT SHEET

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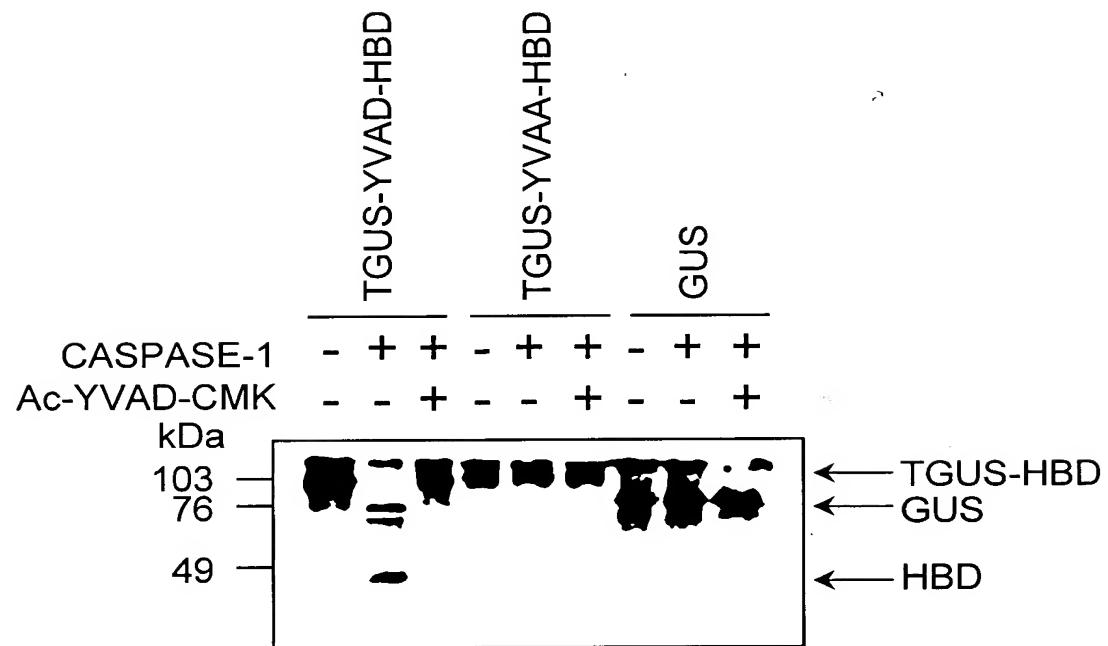


FIG. 3



REPLACEMENT SHEET

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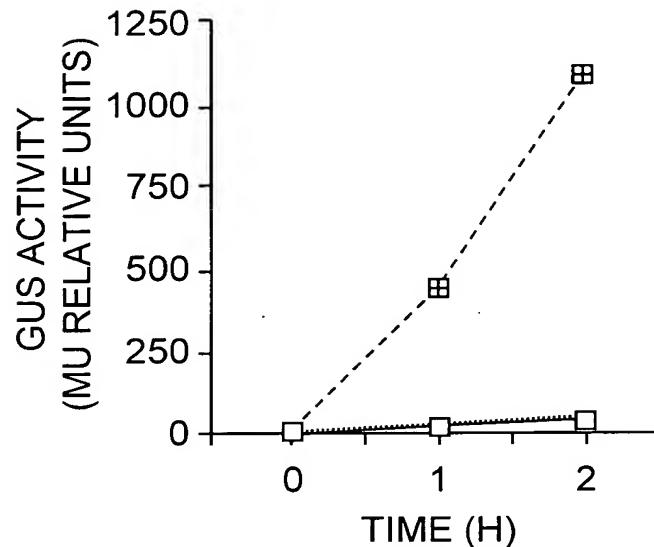


FIG. 4A

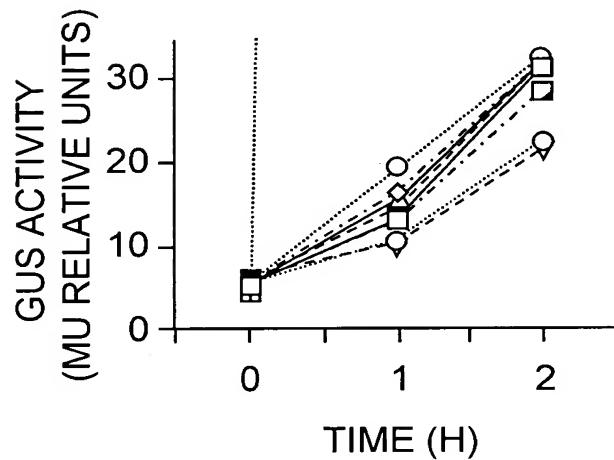


FIG. 4B

- RET
- ◇— RET + CASP1
- RET + CASP1 + Ac-YVAD-CMK
- △— TGUS-YVAD-HBD C
- TGUS-YVAD-HBD + CASP1
- ◆-- TGUS-YVAD-HBD + CASP1 + Ac-YVAD-CMK
- TGUS-YVAA-HBD C
- ▽-- TGUS-YVAA-HBD + CASP1
- TGUS-YVAA-HBD + CASP1 + Ac-YVAD-CMK